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CORRES CONTROL
INCOMING LTR NO

23558 RF 94

DUE
DATE 10-7-94

ACTION ST746R

DIST	TR	ENC
BURLINGAME, A H		
BUSBY, W S	X	
CARNIVAL, G J		
CORDOVA, R C		
DAVIS, J G		
FERRERA, D W		
FRAY, R E		
GEIS, J A		
GLOVER, W S		
GOLAN, P M		
HANNI, B J		
HEALY, T		
HEDAHL, T G		
HILBIG, J G		
HUTCHINS, N M		
JACKSON, D T		
KELL, R E		
KUESER, A W		
MARX, G E		
MCDONALD, M M		
McKENNA, F G		
MORGAN, R V		
PIZZUTO, V M		
POTTER, G L		
SANDLIN, N B		
SATTERWHITE, D G		
SCHUBERT, A L		
SCHWARTZ, J K		
SETLOCK, G H		
STIGER, S G	X	
TOBIN, P M		
VOORHEIS, G M		
WILSON, J M		
MADEN, R	X	
McLAUGHLIN, J	X	
HOLLOWELL, L	X	

CORRES CONTROL X X
PATS/T130G X

Reviewed for Addressee
Corres Control RFP

9-19-94
DATE BY

Ref Lt #

DOE ORDER # 540011

States Government

memorandum

SEP 16 1994

ER SRG 09668

Evaluation of the Potential for Dense Non Aqueous Phase Liquids Migration During Operable Unit 2 Subsurface Interim Measure/Interim Remedial Action

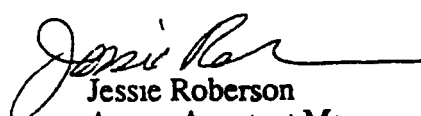
Sue Stiger Director
Environmental Restoration Management
EG&G Rocky Flats Inc

We continue to be concerned about the potential impact to ground water during the operation of the Six Phase Heating project as part of the Operable Unit 2 (OU2 903 Pad Mound and East Trenches) Subsurface Interim Measure/Interim Remedial Action. Since heating will only occur in the vadose zone there is the potential for migration of the Dense Non Aqueous Phase Liquids (DNAPL) to the saturated zone, further impacting ground water quality

As discussed with the OU2 Closure Team, we wish you to perform a peer review of the proposed Six Phase Heating testing. The Environmental Institute at the Colorado School of Mines would be a preferred approach to bring a panel of experts together to assess the potential of DNAPL migration and/or whether or not it is a significant concern. We would like to see this happen in the near future preferably by the end of October 1994

In addition we would like you to perform a cost analysis on the proposed Six Phase Heating project. The cost analysis should compare the cost of excavation and disposal (i.e. shipment to ENVIROCARE) of material in Individual Hazardous Substance Sites 110 versus the entire project cost of performing the Six Phase Heating operation. Also include in the cost analysis pursuing a Technical Impracticability Waiver (OSWER Directive 9234 2 25) for the ground water at this site. The cost analysis is requested by October 7 1994

If you have any questions please contact Scott Grace at extension 7199


Jessie Roberson
Acting Assistant Manager for
Environmental Restoration

cc
A Rampertaap EM-453 HQ
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L Smith OOM RFFO
E Dille ER RFFO
W Busby ER RFFO
R Madel EG&G
J McLaughlin EG&G

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